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# XIV INTERNATIONAL SEMINAR BIODIVERSITY MANAGEMENT AND CONSERVATION

## “Biodiversity and Sustainability: two important keywords for the future”

### June 6-11, 2022

### Serra San Bruno (Vibo Valentia), ITALY



## PROGRAM

### MONDAY 6

From 14,00 - Arrival and accommodation of participants  
In the afternoon possibility to visit the local Museums

### TUESDAY 7

09,00 - Registration

09,30 - Opening Ceremony

**Session 1. Protected areas for the future of the Biodiversity Management and Conservation**

09,45 - Chiarucci A. - Expanding strictly protected areas towards the EU2030 target

10,30 - Coffee break

10,45 - Meireles C. et al. - Restoring montane communities of *Rhododendron ponticum* subsp. baeticum, a relict habitat of the Portuguese Natura 2000 network

11,05 - Prigoliti M. et al. - Objectives and conservation measures of the Natura 2000 sites in Calabria (Southern Italy)

11,25 - Montepaone G. et al. - Impact of *Acacia saligna* (Labill.) H.L. Wendl on vegetation and top-soil of the dune ecosystems of the jonian arch in Calabria - Italy

11,45 - Lumia G. et al. - Ecological networks and biodiversity conservation. Graph theory and multi-temporal vegetation indices to identify patches and ecological corridors

### CELEBRATING SESSION

12,10 - Cano E. et al. - Syntaxonomic analysis of Iberian thermo-mediterranean cork oak and oak forests (Spain, Portugal)

### Session 2. Tools for biodiversity management

14,30 - Mercurio R. et al. - Forest types of Calabria (Italy)

15,00 - Spampinato G. et al. - The “Nature Map” of the Calabria region a tool for the knowledge and management of biodiversity

15,45 - Ligato E. et al. - The endemic flora of the Nebrodi mountains (Northern Sicily): taxonomic and ecological characteristics

16,05 - Mei G. & Taffetani F. - Residual woodlands: definition, main characteristics, threats, value and dynamics of one of the main biodiversity refuges in Southern European lowlands

16,30 - Coffee break

### Session 3. Ecosystem service for Biodiversity management

16,45 - Bagella S. - Biodiversity and ecosystem services in mediterranean agro-silvo-pastoral systems

17,30 - Baião C. - Revitalizing semi-arid extensive farming habitats through the sustainable management of their associated scrubs areas - life scrubsnet

17,50 - Baião C. - Ecosystem services assessment in the life-relict project

### Session 4. Education & Botanical gardens

18,10 - Cano Ortiz A. et al. - Botanical gardens and natural and national parks and biosphere reserves: tools for teaching botanical-ecological values

18,30 - Tassone S. et al. - Floristic analysis and improvement proposals in a private green area: the “Trapani Lombardo” garden park in Reggio Calabria

18,50 - Caruso G. - Calabrian native: defending biodiversity educating to autochthonous plant species

19,10 - Cano Ortiz A. et al. - Measuring and teaching biological diversity

19,30 - Special Event: Olive Oil Panel Test - Guided tasting session with Antonio G. Lauro

### WEDNESDAY 8

09,00 - Geobotanic Journey: Sentiero Frassati (Serra San Bruno-Mongiana), Villa Vittoria, Ferriere Borboniche, Riserva Marchesale

19,00 - Arrival at the hotel

21,30 - Special Musical Evening with the “Not Only Bluegrass” and “Parafonè” bands

### THURSDAY 9

#### Session 5. Ecophysiological, morphological and phytochemical biodiversity

09,00 - Trifilò P. - Plant water content: a useful tool for predicting the risk of drought-induced mortality...and not only!

09,45 - Chiofalo et al. - Soon and efficiently: leaf hydraulic conductance increase in response to light might be more ecologically advantageous for deciduous than evergreen species

10,05 - Azzarà M. et al. - Relative water content values leading to loss of cell rehydration capacity might be the secret of invasive alien species success in mediterranean basin

10,30 - Coffee break

10,45 - Sorgonà A. - Morpho-functional diversity within plant root system

11,30 - Caridi R. et al. - Metabolomic profile of two *Cynara cardunculus* L. var. *sylvestris* ecotypes

11,50 - Di Sanzo R. et al. - *Cynara cardunculus* L. var. *sylvestris* ecotypes: the study of bioactive profile for waste valorization

12,10 - Gravina C. et al. - *Calendula arvensis* (Vaill.) L.: Sustainable recovery of the apolar constituents of its organ

#### Session 6. Vegetation study for biodiversity conservation

14,30 - Bioret F. & Glemarec E. - Phytosociological and synphytosociological synthesis of coastal heathlands of the Armorican massif

15,15 - Raposo M. et al. - Syntaxonomic originalities for the mountains of central Portugal

15,35 - Sciandrello S. et al. - The orophilous vegetation of the Juniperetalia hemisphaericae in Sicily

15,55 - Puglisi M. et al. - Bryophyte flora and vegetation of the Sicilian gypsum outcrops

16,30 - Coffee break

16,45 - Quinto Canas R. et al. - Invasive plant species in Algarve: impacts for the habitats of special interest from habitats directive 92/43/EEC

17,30 - Morabito A. et al. - Ecological characterisation of directive habitats dominated by species of the genus *Quercus* in Calabria

17,50 - Tavilla G. et al. - Invasive alien plants and management measures: a case study in Sicily

#### Session 7. New perspectives on wild plants for medicinal and food purposes

18,10 - Patti M. et al. - An update of ethnobotanical knowledge on plant species used for food purposes in Calabria (S-Italy)

18,30 - Fiorentino M. et al. - An innovative approach to study the wild medicinal plant resources of Cilento, Vallo di Diano ed Alburni National Park (PNCVDA): a study case of *Cichorium intybus* L.

18,50 - Formato M. - The case of renewable Fagaceae leaves (beech, common oak and chestnuts): from agroforest byproducts to unexplored potential for livestock feeding

19,10 - Laface V.L.A. et al. - Carpological characteristics of *Pimpinella anisoides* V. Brig. (Apiaceae) and comparison with related species

19,30 - Special Event: Tasting of Calabrian wines - guided by Francesco Forestieri and Anna Maria Fazzari

### FRIDAY 10

#### Session 8 - Water & Fire: two important factors for plant conservation

09,00 - Meireles C. & Pinto Gomes C. - Fire and the Portuguese forest relicts

09,45 - Stinca A. et al. - Fire-induced biodiversity change in Mediterranean beech forests

10,30 - Coffee break

10,45 - Bombino G. et al. - River quality assessment in the fiumara context

11,30 - Tomaselli V. et al. - Monitoring environmental changes in a Mediterranean coastal landscape (South-Eastern Italy)

11,50 - Brito F. et al. - Aquatic and riparian vegetation of the South of Portugal with ornamental value to be applied in green spaces

12,00 - Closing ceremony of the XIV International Seminar

14,30 - Geobotanic afternoon: Bosco Archiforo, Bosco di Stilo, M. Stella

19,00 - Arrival at the hotel

### SATURDAY 11

09,00 - Departures

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